1.   A method for creating multiple user application programs using a single application server and a single database server, including the steps of:

storing user identification data including information relating to company user and
5   user role;

providing the application server with a first application relating to a first user role and a second application relating to a second user role different that the first user role;

10   providing the single database server with first data relating to a first company and a first user, and second data relating to a second company and a second user;

responding to the information relating to user role to choose the first application;

15   responding to the information relating to company and user (identity) to choose the first data;

creating a first user application program from the first application and the first data; and
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creating a second user application program from the second application and the second data.

2.   The method recited in Claim 1 further comprising the step of:
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storing the first user application program and the second user application program in memory of the single application server.

3.   The method recited in Claim 1 wherein the storing step includes the steps of:

creating a directory responsive to user log-on data to provide the company, user identity and user role data.

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4.   The method recited in Claim 3 wherein the creating step includes the step of:

programming the directory with subjective data relating to company, user identity and user role for each authorized user of the application server.

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5.   A method for programming in an enterprise java bean protocol based on information relating to identity of a user, company of the user, and role of the user within the company, comprising the steps of:

15   providing a plurality of application beans relating to different functions of the company;

providing the database including data relating to different companies;

20   selecting a particular one of the application beans associated with the user role;

programming the selected bean to access a particular portion of the database associated with the company of the user and the identity of the user.

25   6.   The method recited in Claim 5, further comprising the steps of:

providing a directory responsive to the user to indicate the user identity, the company of the user, and the role of the user;

30   during the selecting step, responding to the indication of the directory as to the role of the user to select the particular bean; and

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during the programming step, responding to the indication of the directory as to the user identity and the company of the user, to program the bean to access the particular portion of the database.

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7.   The method recited in Claim 6 further comprising the step of:

instantiating the programmed bean to create a clone bean adapted to access the particular portion of the database.

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8.   The method recited in Claim 7 wherein the clone bean is a first clone bean, the portion of the database is a first portion, and the method further comprising the step of:

creating a second clone bean from the particular application bean, the second clone 15   bean being adapted to access a second portion of the database different than the first portion of the database.

9.   The method recited in Claim 8 further comprising the step of:

20   storing the first clone bean and the second clone bean in memory.

10.   An application server, comprising:

a directory responsive to multiple users from multiple companies to provide an 25   indication of user identity, user role, and user company;

a single database storing data for each of the multiple companies;

a container responsive to the directory indication of user role to create a program; 30   and

a container responsive to the directory indications of user identity, user role and user company to create a program and to provide the program with access to a particular portion of the data of the company in the database.

5   11.   The application server recited in Claim 10, wherein:

the container is responsive to the directory indication of user role to create the program; and

10   the container is responsive to the directory indication of user identity and company to provide the program with access to the particular portion of the data in the database.

12.   A method for creating a first application program for a first user having a first user role in a first user company, and a second application program for a second user 15   having a second user role in a second user company, comprising the steps of:

providing a single application server with multiple master programs;

providing a database server with data associated with multiple companies;

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selecting a first one of the master programs based on the first user role;

selecting first data from the database, the first data being dependent on the first user identity and first user company; and

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creating the first application program from the first master program and the first data;

selecting second data from the database, the second being dependent on the second user identity and second user company; and

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creating the second application program from the second master program and the second data.

13.   The method recited in Claim 12, further comprising the steps of:

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proving an Enterprise Java Bean Protocol in the application server wherein the multiple master programs comprise multiple master beans;

during the first selecting step selecting a first one of the beans based on the first

10   user role; and

during the second selecting step, programming the first bean to access the first data.